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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/696,618
Filing Date	October 29, 2003
First Named Inventor	Allen A. ARADI et al.
Art Unit	Not Assigned
Examiner Name	Not Assigned; Conf. No.: 5585
Attorney Docket Number	EI-7607

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
CST		US- 2003/0097783 A1	05-29-2003	JORDAN	
		US- 3,127,351	03-31-1964	BROWN et al.	
		US- 3,442,631	05-06-1969	GLUCKSTEIN	
		US- 4,191,536	03-04-1980	NIEBYLSKI	
CST		US- 4,690,687	09-01-1987	JOHNSTON et al.	
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
CST		GB 787,374	12-04-1957	BROWN		
		GB 886,447	01-10-1962	ESSO RESEARCH & ENG CO		

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

## Complete if Known

Application Number	10/696,618
Filing Date	October 29, 2003
First Named Inventor	Allen A. Aradi, et al.
Group Art Unit	3747
Examiner Name	Not Assigned
Attorney Docket Number	EI-7607

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
CDT		US 8,381,754 B1		Peter-Hoblyn et al.	3/26/2002	
		US 6,200,358 B1		Fleischer et al.	3/13/2001	
		US 6,193,767 B1		Arters et al.	2/27/2001	
		6,152,972		Shustorovich et al.	11/28/2000	
		6,056,792		Barr et al.	5/2/2000	
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		5,953,906		Gamel et al.	9/21/1999	
		5,944,858		Wallace	8/31/1999	
		5,928,392		Aradi	7/27/1999	
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		5,813,224		Rao et al.	9/29/1998	
		5,809,775		Tarabulski et al.	9/22/1998	
		5,809,774		Peter-Hoblyn et al.	9/22/1998	
		5,758,496		Rao et al.	6/2/1998	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
CDT		EP	0 466 512	B1	Leeper	6/29/94		
		EP	0 507 510	A1	Hollrah, Don Paul et al	10/07/92		
		EP	0 667 387	A2	Perry, Newton A. et al	8/16/1995		
CDT		EP	0668 899	B1	Peter-Hoblyn et al	09/20/00		

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Application Number		10/696,618			
Filing Date		October 29, 2003			
First Named Inventor		Allen A. Aradi, et al.			
Group Art Unit		3747			
Examiner Name		Not Assigned			
Attorney Docket Number		EI-7607			
Sheet	2	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
COT		5,732,548		Peter-Hoblyn	3/31/1998	
		5,679,116		Cunningham et al.	10/21/1997	
		5,599,357		Leeper	2/4/1997	
		5,584,894		Peter-Hoblyn et al.	12/17/1996	
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		5,501,714		Valentine et al.	3/26/1996	
		5,378,154		Daly et al.	12/27/1994	
		5,340,369		Koch et al.	8/23/1994	
		5,113,803		Hollran et al.	5/19/1992	
		5,034,020		Epperly et al.	7/23/1991	
		4,955,331		Hohr et al.	9/11/1990	
		4,946,609		Pruess et al.	8/7/1990	
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		4,891,050		Bowers et al.	1/2/1990	
		4,804,388		Kuklin	2/14/1989	
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		4,670,020		Rao	6/2/1987	
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		4,588,416		Zaweski et al.	5/13/1986	
		4,568,357		Simon	2/4/1986	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
COT		EP	1 368 444	A1	Openshaw et al.	12-10-2003		
COT		WO	02/48293	A1	Roos et al.	06-20-2002		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 5

### Complete if Known

Application Number	10/696,618
Filing Date	October 29, 2003
First Named Inventor	Allen A. Aradi, et al.
Group Art Unit	3747
Examiner Name	Not Assigned
Attorney Docket Number	EI-7607

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CDT		4,474,580		MacKenzie et al.	10/2/1984	
		4,390,345		Somorjai	6/28/1983	
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		4,104,036		Chao et al.	8/1/1978	
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		2,818,417		Brown et al.	12/31/1957	
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		2,086,775		Lyons et al.	7/13/1937	
		20020112466		Roos et al.	8/22/2002	
		20030177758		Roos et al.	11/25/2003	
		6,206,685		Zamansky, et al.	3/27/2001	
		6,039,772		Orr	3/21/2001	

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		First Named Inventor	Allen A. Aradi, et al.
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(use as many sheets as necessary)		Attorney Docket Number	EI-7607
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
COT		Faix, Louis J.; A study if the Effects of Manganese Fuel Additive on Automotive Emissions; SAE [Tech. Pap.], 780002, pp. 1-12	
		Fekete, Nicholas; Gruden, Igor; Voigtlander, Dirk; Nester, Ulrich; Krutzsch, Bernd; Willand, Jurgen; and Kuhn, Michael; Advanced Engine Control and Exhaust Gas Aftertreatment of a Leanburn SI Engine; SAE [Tech. Pap] 972873; pp. 1-10	
		Valentine, James M.; Clean Diesel Technologies Inc. Announces Test Results of Platinum/Cerium Diesel Fuel Additive; 203/327-7050, article in Diesel/Net News; 9/20/2002, pp. 1-2.	
		Eastwood, Peter; Critical Topics in Exhaust Gas Aftertreatment; Research Studies Press Ltd. (2000), pp. 215-218	
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		Farrauto, Robert J.; Mooney, John J.; Effects of Sulfur on Performance of Catalytic Aftertreatment Devices; SAE [Tech. Pap.] 920557, pp. 1-7	
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CS1		Guyon, M.; Blejean, F.; Bert, C.; LeFaou, PH.; Impact of Sulfur on Nox Trap Catalyst Activity-Study of the Regeneration Conditions; SAE [Tech. Pap.] 982607, pp. 87-95	

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		Examiner Name	Not Assigned
Sheet 5 of 5	Attorney Docket Number	EI-7607	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Arakawa, Kenji; Matsuda, Satoshi; and Kinoshita, Hiroo; Progress in Sulfur Poisoning Resistance of Lean NOx Catalysts; SAE [Tech. Pap.] 980930, pp. 111-118	
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		Guinther, Greg H.; Human, David M.; Miller, Keith T.; Roos, Joseph W.; and Schwab, Scott D.; The Role that Methylcyclopentadienyl Manganese Tricarbonyl (MMT®) Can Play in Improving Low-Temperature Performance of Diesel Particulate Traps; SAE [Tech. Pap.], 2002-01-2728, pp. 1-9	
		Nelson, A.J.; Ferreira, J.L.; Reynolds, J.G.; Schwab, S.D.; and Roos, J.W.; X-Ray Absorption Characterization of Diesel Exhaust Particulates; Article in Materials Research Society Symposium Proceedings, Vol. 590, 2000, pp. 63-69	
		KALGHATGI, G., "Combustion Chamber Deposit Flaking - Studies Using a Road Test Procedure," SAE Technical Paper 2002-01-2833, Oct. 21, 2002.	

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